



20446084

**Thermostat, NO cont., w. centre plate, time-controlled, Q.x, alu velvety, lacq.**

#### Technical characteristics

#### Functions

Function	with frost protection function, with access protection, Operating hours meter or energy consumption display adjustable, timer for changing the temperature by the hour, with valve protection function
Slide switch	with switchover manual/automatic mode

#### Controls and indicators

Operation	operating languages are adjustable: German, English, Dutch or French
Indication / display	large, backlight display with text display

#### Main electrical features

Nominal voltage	230 V
Rated voltage	230 V AC
Frequency	50 Hz

#### Electric current

Switching current	10 mA ... 10 (4) A
Switching current at $\cos \varphi = 0.6$	max. 4 A

#### Dimensions

Insertion depth	25 mm
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#### Power

Power consumption	≈ 1.2 W
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#### Battery

Lithium cell power reserve [years]	≈ 10
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#### Detection

Sensor	with integrated temperature sensor
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#### Materials

Colour	aluminium
Material / workmanship	lacquered
Material	Plastic/metal

#### Installation, mounting

Installation mode	without spreader claws
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#### Connection

Type of connection	with screw terminals
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with additional connection for external floor temperature sensor/remote sensor

Connection

### Settings

Floor temperature setting range 10...40 °C

Room temperature setting range 5...30 °C

Programs holiday programme with date activation

Programming 3 preset time programmes, individually adjustable, 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun, programmable with operating unit removed, max. 9 switching times per weekday

Time with automatic summer-/winter time switching (can be switched off)

### Equipment

Switching temperature difference  $\approx 0.5$  K

Heating for room and floor heaters, for heating or cooling mode, with self-teaching heating curve, for underfloor heating control using room and/or floor temperature possible

Control control process PWM or 2-point (on/off) can be selected, PWM cycle time and hysteresis (for two-point control) settable

Valve drives type of actuator (currentless closed/open) adjustable

### Use

Differentiation characteristic 2 - Sales Time-controlled

### Use conditions

Temperature temperature control range adjustable

Energy efficiency class IV (2%)

### Identification

Application, usage HVAC control

Main design line Berker Q.1/Q.3/Q.7/Q.9

Secondary design line(s) Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9